We Claim :-

July 1

An STM telecommunications switch comprising a plurality of parallel data switching planes and a parallel control plane, each plane having an equal number of input ports and output ports and a central switching unit to switch each input port to any output port and wherein the data is switched in octets.

- 2. A switched as claimed in Claim 1, further comprising rotator means to connect each input port cyclically to each timeslot of the central unit.
 - 3. A switch as claimed in Claim 2, further comprising a second rotator means to connect each timeslot of the central switching unit cyclically to each output port.
 - 4. A switch as claimed in Claim 2 or Claim 3, wherein the oreach rotator means comprises a single stage of rotators.
 - 5. A switch as claimed in Claim 2 or Claim 3, wherein the or each rotator means comprises multi-stage rotators.

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